



PROMEGA FORM 1449

SERIAL NO. 10/053,482	CASE NO. 10743/3
FILING DATE November 2, 2001	GROUP ART UNIT 1651 1743
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	
(use several sheets if necessary)	
APPLICANT(S): Keith Wood et al.	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
RG	B1	6,165,734	12/26/2000	Garini et al.	11	RECEIVED MAY 15 2003 TO 1700 MAIL ROOM
L	B2	6,171,809	01/09/2001	Roelant	11	
L	B3	6,416,960	07/09/2002	Bryan	11	

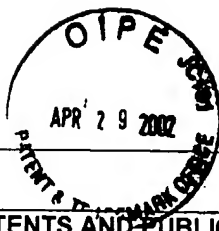
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small>	
RG	B4	Shimomura, O. "Cause of spectral variation in the luminescence of semisynthetic aequorins" <i>Biochem J.</i> (1995) 306, 537-543.
	B5	Nakamura, H. et al. "Design, Synthesis, and Evaluation of the Transition-State Inhibitors of Coelenterazine Bioluminescence: Probing the Chiral Environment of Active Site" <i>J. Am. Chem. Soc.</i> 2001, 123, 1523-1524.
L	B6	International Search Report for corresponding Patent Cooperation Treaty application No. PCT/US02/34972, dated February 11, 2003, 5 pages.

EXAMINER RG BITOMER	DATE CONSIDERED 11/3/04
------------------------	----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



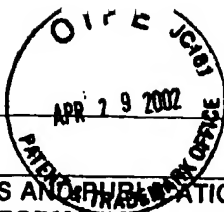
FORM PTO-1449	SERIAL NO. 10/053,482	CASE NO. 10743/3
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE November 2 nd , 2001	GROUP ART UNIT 1651 1743
(use several sheets if necessary)		APPLICANT(S): Wood, Keith et al.

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
RG	A1	6,133,459	10/17/00	Schaap et al.		
	A2	5,587,286	12/24/96	Pahuski et al.		
	A3	5,650,289	6/22/97	Wood		
	A4	5,641,641	6/24/97	Wood		
	A5	5,650,299	6/22/97	Lawman et al.		
	A6	5,700,645	12/23/97	Pahuski et al.		
	A7	5,814,471	9/29/98	Wood		
	A8	5,831,102	11/3/98	Bronstein et al.		
	A9	5,965,453	10/12/99	Skiffington et al.		
	A10	5,908,751	6/1/97	Higo et al.		
	A11	5,891,702	4/6/99	Sakakibara et al.		
	A12	5,891,659	4/6/99	Murakami et al.		
	A13	5,840,572	11/24/98	Copeland et al.		
	A14	5,811,251	9/22/98	Hirose et al.		
	A15	5,770,391	6/23/98	Foote et al.		
	A16	5,648,232	7/15/97	Squirrell		
	A17	5,518,883	5/21/96	Soini		
	A18	5,246,834	9/21/93	Tsuji et al.		
	A19	4,806,415	2/21/89	Fossati		
	A20	4,665,022	5/12/87	Schaeffer et al.		
	A21	4,604,364	8/5/86	Kosak		
	A22	4,501,813	2/26/85	Lovgren et al.		
	A23	4,349,510	9/14/82	Kolehmainen et al.		
	A24	4,080,265	3/21/78	Antonik		
	A25	5,374,535	12/20/94	Zomer et al.		
	A26	5,374,534	12/20/94	Zomer et al.		
	A27	3,958,938	5/25/76	Doonan et al.		
	A28	5,541,309	6/30/96	Prasher		
	A29	6,007,996	12/28/99	McNamara et al.		
	A30	5,741,668	4/21/98	Ward et al.		
	A31	5,798,263	8/25/98	Wood et al.		
	A32	5,035,999	6/30/91	Geiger et al.		
	A33	5,098,828	3/24/92	Geiger et al.		
	A34	6,004,767	12/21/99	Crouch et al.		
✓	A35	5,023,181	6/11/91	Inouye		

EXAMINER RGITOMER	DATE CONSIDERED 11/3/04
----------------------	----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	SERIAL NO. 10/053,482	CASE NO. 10743/3
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE November 2nd, 2001	GROUP ART UNIT 1651 1743
APPLICANT(S): Wood, Keith et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES NO
RG	A36	WO 99/66324	23 Dec 99	PCT	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
RG	A37	Theodora W. Greene and Peter G. M. Wuts, "Monoprotection of Dicarboxyl Compounds", in Protective Groups in Organic Synthesis - 2 nd edition (John Wiley 1991).
	A38	Shoji Inoue et al., "Complete Structure of <u>Renilla</u> Luciferin and Luciferyl Sulfate", Tetrahedron Letters No. 31, pp 2685 - 2688 (1977)
	A39	R. Y. Tsien, "A non-disruptive technique for loading calcium buffers and indicators into cells", Nature, vol. 290, pp 527-528 (9 April 1981)
	A40	Peter R. Redden et al., "Acyloxymethyl acidic drug derivatives: in vitro hydrolytic reactivity", International Journal of Pharmaceutics, vol. 180, pp 151-160 (1999)
	A41	Katsunori Teranishi and Osamu Shimomura, "Coelenterazine Analogs as Chemiluminescent Probe for Superoxide Anion", Analytical Biochemistry 249: pp 37-43 (1997)
	A42	Osamu Shimomura et al., "Semi-synthetic aequorins with improved sensitivity to Ca ²⁺ ions", Biochem. J. 261: pp 913-920 (1989)
	A43	Satoshi Inouye and Osamu Shimomura, "The Use of <u>Renilla</u> Luciferase, <u>Oplophorus</u> Luciferase, and Apoequorin as Bioluminescent Reporter Protein in the Presence of Coelenterazine Analogues as Substrate", Biochemical and Biophysical Research Communications 233: 349-353 (1997)
	A44	Keith Jones et al., "Glowing jellyfish, luminescence and a molecule called coelenterazine", Tibtech vol. 17, pp 477-481 (1999)
	A45	Osamu Shimomura and Katsunori Teranishi, "Light-emitters involved in the luminescence of coelenterazine", Luminescence 15: 51-58 (2000)
	A46	Osamu Shimomura et al., "The relative rate of aequorin regulation from apoequorin and coelenterazine analogues", Biochem. J. 296: 549-551 (1993)
	A47	Osamu Shimomura, "Membrane permeability of coelenterazine analogues measured with fish eggs", Biochem. J. 326: 297-298 (1997)
	A48	"Coelenterazine and Coelenterazine Derivatives", Molecular Probes - Product Information, pp 1-3 (4 April 2000)
	A49	"Coelenterazine Sampler Kit", Molecular Probes - Product Literature, pp 1-3, (10/16/2000)
	A50	Dubuisson, M. L. et al., "Antioxidative properties of natural coelenterazine and synthetic methyl coelenterazine in rat hepatocytes subjected to tert-butyl hydroperoxide-induced oxidative stress", Biochem-Pharmacol. 60(4): pp 471-8 (2000)
	A51	Angers, S. et al., "Detection of beta 2-adrenergic receptor dimerization in living cells using bioluminescence resonance energy transfer (BRET)", Prod. Natl. Acad. Sci. USA 97(7): pp 3684-9 (2000)
✓	A52	Liu, J. and Escher, A., "Improved assay sensitivity of an engineered secreted <u>Renilla</u> luciferase", Gene 237(1): pp 153-9 (1999)

EXAMINER RGITOMER	DATE CONSIDERED 11/3/04
----------------------	----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	SERIAL NO. 10/053,482	CASE NO. 10743/3
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE November 2nd, 2001	GROUP ART UNIT 1657 1743
APPLICANT(S): Wood, Keith et al.		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
RG	A53	Srikantha, T. et al., "The sea pansy <i>Renilla reniformis</i> luciferase serves as a sensitive bioluminescent reporter for differential gene expression in <i>Candida albicans</i> ", <i>J. Bacteriol.</i> 178(1): pp 121-9 (1996)
	A54	Skarpidi, E. et al., "Novel in vitro assay for the detection of pharmacologic inducers of fetal hemoglobin", <i>Blood</i> 96(1): pp 321-6 (2000)
	A55	Parsons, S.J. et al., "Use of a dual firefly and <i>Renilla</i> luciferase reporter gene assay to simultaneously determine drug selectivity at human corticotrophin releasing hormone 1 and 2 receptors", <i>Anal. Biochem.</i> 281(2): pp 187-92 (2000)
	A56	Stables, J. et al., "Development of a dual glow-signal firefly and <i>Renilla</i> luciferase assay reagent for the analysis of G-protein coupled receptor signalling", <i>J. Recept. Signal Transduct. Res.</i> 19(1-4): pp 395-410 (1999) – Abstract Only
	A57	Grentzmann, G. et al., "A dual-luciferase reporter system for studying recording signals", <i>RNA</i> 4(4): pp 479-86 (1998)
	A58	Liu, J. et al., "Visualizing and quantifying protein secretion using a <i>Renilla</i> luciferase-GFP fusion protein", <i>Luminescence</i> 15(1): pp 45-9 (2000)
	A59	Craig, Frank F. et. al. "Membrane-permeable luciferin esters for assay of firefly luciferase in live intact cells" <i>Biochem. J.</i> 276 pp 637-641 (1991)

EXAMINER RGITOMEN	DATE CONSIDERED 11/3/04
----------------------	----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.